

Appl. No. : 10/659,711
Filed : September 11, 2003

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-19, 21, and 27-30 without prejudice:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)

20. (Original) A method of producing a bacteriophage able to delay inactivation by an animal's host defense system, comprising genetically engineering a bacteriophage to express molecules on its surface coat that delay inactivation of the bacteriophage by an animal's host defense system.

21. (Canceled)

22. (Original) The method according to claim 20, wherein the bacteria is selected from the group consisting of Mycobacteria, Staphylococci, Vibrio, Enterobacter, Enterococci, Escherichia, Haemophilus, Neisseria, Pseudomonas, Shigella, Serratia, Salmonella and Streptococci, and the bacteriophage can effectively lyse the bacteria.

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23. (Original) The method according to claim 22, wherein the bacteria is selected from the group consisting of *M. tuberculosis*, *M. avium-intracellulare* and *M. bovis*.

24. (Withdrawn) The method according to claim 20, wherein the bacteriophage is administered by way of an aerosol to an animal's lungs.

25. (Original) The method according to claim 20, wherein the bacteriophage is administered at a dosage of about 10^6 to about 10^{13} pfu/kg/day.

26. (Original) The method according to claim 25, wherein the bacteriophage is administered at a dosage of about 10^{12} pfu/kg/day.

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)